

VERTICAL INSERTER SYSTEMS AND METHODS

ABSTRACT OF THE DISCLOSURE

A delivery system comprises a frame, and a plurality of hoppers attachable to the frame in a vertically spaced apart arrangement. The hoppers are each configured to hold a plurality of sheet-like materials. At least one upper belt is movably coupled to the frame, with the belt being configured to move the sheet-like materials downward from the hoppers. At least one contact roller is disposed below each hopper, and at least one suction apparatus that is associated with each hopper. A moving system is configured to move the suction apparatus toward and away from the hopper to grasp and remove one of the sheet-like materials from the hopper, and to move the removed sheet-like material downward until grabbed by the contact roller.

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